















**Bipin Tripathi Kumaon Institute of Technology**  
**Material Science & Testing Lab**

| Sl. No. | Name of Machine/Equipment         | Photo   |
|---------|-----------------------------------|---|
| 1       | Standard Tensile Testing machine  |    |
| 2       | Compression Testing Machine       |     |
| 3       | Rockwell Hardness Testing Machine |   |
| 4       | Impact Testing Machine            |  |

|   |                                    |  |
|---|------------------------------------|--|
| 5 | Digital Universal Testing Machine  |     |
| 6 | Torsion Testing Machine            |    |
| 7 | Cut-Off Machine                    |  |
| 8 | Specimen Mounting Press            |  |
| 9 | Monocular Metallurgical Microscope |  |

|    |   |   |
|----|---|---|
| 10 | Binocular Metallurgical Microscope              |     |
| 11 | Closed Circuit Television System for Microscope |    |
| 12 | Spring Testing Machine                          |   |
| 13 | Universal Wood Testing Machine                  |  |
| 14 | Fatigue Testing Machine                         |   |

|    |   |   |
|----|---|---|
| 15 | Muffle Furnace                              |     |
| 16 | Metallurgical Polishing Machine Double Disc |     |
| 17 | Metallurgical Polishing Machine Single Disc |    |
| 18 | Metallurgical Specimen Mounting Press       |   |
| 19 | Specimen Leveler                            |  |

|    |  |  |
|----|--|--|
| 20 | Hand Grinder                                   |     |
| 21 | Digitally Controlled Heat Treatment Furnace    |    |
| 22 | Computerized Microstructure Analysis Apparatus |  |
| 23 | Dry Belt Surfacers                             |  |

|    |  |   |
|----|--|---|
| 24 | Computerized Universal Testing Machine |      |
| 25 | Electronic Torsion Testing Machine     |     |
| 26 | Erichsen Testing Machine               |   |
| 27 | Vicker's Hardness Testing Machine      |  |